

Appendix F: Refuge Operating Needs System (RONS)

Appendix F. RONS and MMS Lists

The CCP directs an ambitious course for the future management of Sherburne National Wildlife Refuge. The following provides a brief description of the second-highest priority Refuge projects. The highest priority, or Tier 1, projects are described in Chapter 5 of the Comprehensive Conservation Plan. Each project description also includes the number of a corresponding strategy; linking it to the Goals/Objectives/Strategies section of Chapter 4.

Most of these projects are listed in the Refuge Operating Needs System (RONS); the Service's national database of unfunded operational activities. The RONS was established in 1990 as a planning, budgeting, and communication tool to enhance identification of funding and staffing needs for the National Wildlife Refuge System. RONS projects describe the need for new or expanded activities in order to implement plans, attain goals, or satisfy legal mandates. Data within RONS are used regularly in budget justifications presented to the Department of the Interior; the Office of Management and Budget, and Congress.

Refuge Operating Needs System

Project	Cost
Construction of Refuge visitor center	\$3,009,000
Develop environmental education curriculum	\$60,000
Increase Refuge law enforcement capabilities	\$136,000
Control of exotic, invasive plant species	\$84,000
Research prairie/ oak savanna restoration	\$100,000
Enhance public services	\$134,000
Restoring natural balance to prairie openings	\$53,000
Evaluate reptile and amphibian communities on the Complex	\$51,000
Cultural resources evaluation and plan	\$40,000
Acquire law enforcement equipment	\$80,000
Expand prescribed fire and wildfire suppression activities	\$54,000
Feasibility of reintroducing bison to Sherburne NWR	\$32,000
Ensure CCP Process involves and informs the public	\$40,000
Enhance the environmental education program	\$112,000
Impacts of prescribed burning on grassland birds	\$33,000
Improve visitor contact and office support	\$114,000
Native mussel and fish inventory	\$78,000
Impact of water management on invertebrates and vegetation	\$57,000
Water quality study of restored wetlands and river system	\$77,000
Impact of prescribed burning on insect populations	\$31,000

Maintenance Management System

The Maintenance Management System (MMS) is another database used by the Service to document needed equipment and construction projects. The MMS is structured around property items while RONS focuses on management activities. All large-scale (typically over \$500,000) construction projects are housed in MMS. The following is a partial list of the projects proposed in the 2003 database.

Project	Cost
Repair the Deteriorated Brand Trail	\$25,000
Replace High Mileage Chevrolet Compact Cargo Truck	\$29,000
Visitor Facilities - Centennial Legacy Project [d/cc]	\$2,400,000
Clark MLT-6 Forklift	\$61,000
Repair erosion on riverbank at Headquarters Building.	\$0,000
Clark 175A-M23 Scoop Loader, 4x4	\$40,000
Reconstruct road base and resurface 8 mi of wildlife drive.	\$725,000
Chevrolet Cargo Truck	\$25,000
Replace worn-out John Deere 670A Motor Grader	\$130,000
Replace High Mileage Chevrolet Astro AWD Van	\$29,000
Tanker Truck, 6x6, 5Ton w/winch	\$71,000
Replace High Mileage Dodge Dakota Cargo Truck.	\$30,000
Replace worn-out no-till drill.	\$16,000
Replace High Mileage Dodge Ram 2500 Cargo Truck	\$29,000
Replace worn-out farm utility vehicle.	\$11,000
Replace High Mileage Chevrolet 3500 Crew Cab Truck	\$0,000
Replace Worn Out Birmingham Flatbed Trailer.	\$48,000
Replace LT900 Ford Dump Truck	\$105,000
Replace High Mileage Chevrolet K3500 Truck	\$36,000
John Deere 555A Tracked Loader	\$91,000
Ford F350 Maintenance Truck	\$25,000
John Deere JD302 Ag Tractor	\$46,000
Wajax- Pacific BB-4 Slip On Pumper	\$15,000
Alumitech 714 K Air Boat, 14' Aluminum, 260 hp	\$24,000
Forest Technology FWS 11 Weather Station, Auto Remote	\$15,000
John Deere 7700 Ag Tractor, 125 hp, w/cab	\$71,000
Wajax - Pacific BB-4 Slip On Pumper	\$12,000
Truax FLXII-812 Seed Drill, 8' no till, Trashplow	\$18,000
GMC Jeep 6D Stake Truck	\$40,000
Ford Aerostar Van	\$22,000
Ford F250 Cargo Truck	\$25,000
John Deere 650G Dozer, 90 hp	\$111,000
Chevrolet Cargo Truck	\$25,000
Standard Modern 11 x 20 Turning Lathe, Series 200	\$6,000
Dodge Ram 1500 Cargo Truck	\$25,000
Ford F250 Cargo Truck	\$28,000
John Deere 1518 Rotary Mower	\$11,000
Dodge Dakota Cargo Truck, Extended Cab	\$23,000
Barko 885B Brushcutter, 215 HP, Enclosed Cab	\$228,000
John Deere 5410 Ag Tractor, 77hp, w/cab	\$36,000
Construct Pole Barn for Equipment Storage at Maintenance Site	\$152,000
Construct 5 Bay Vehicle Garage at Office Site.	\$76,000
Reconstruct Gravel Base and Surfacing on Brande Road.	\$30,000
Visitor Facilities - Phase II Office Component	\$2,500,000
CR4 Information Kiosk and Mahnomen Trailhead Kiosk	\$38,000

Project	Cost
Design and Construct a Seed Cleaning Facility	\$0,000
Restoration of Rice Lake	\$0,000
Install water control structure on Deer Pool	\$27,000
Restore the Hydrologic Flow to Areas on Sherburne NWR	\$71,000
Wetland Trail with Observation Deck and Floating Study Platform	\$41,000
Accessible Fishing Pier	\$97,000
Complete Wildlife Discovery Station	\$103,000
Mahnomen Trail interpretive signs, kiosk and spotting scope	\$58,000
Increase oak savanna education	\$0,000
Mahnomen Trail Boardwalk and Wildlife Observation Blind	\$130,000
Develop interpretive, regulatory, and directional signing	\$112,000
John Deere 450D Tracked Dozer	\$100,000
2002 IHC Truck Tractor, 13 speed, diesel	\$80,000
Kalyn 12 Ton Flatbed Trailer.	\$25,000
Ford F-450 4x4 Tilt Bed	\$40,000
Dropneck Flatbed Trailer	\$40,000
Tractor, All Terrain, Full Tracked, w/400 Gal Fire Fighting Unit.	\$130,000
Ford Expedition Carryall	\$27,000

